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SUSTAINED RELEASE PREPARATION AND ITS PREPARATION

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PURPOSE: To obtain the titled preparation free from side effect, simply and economically without using a coating polymer, by melting and/or dispersing uniformly a drug and a surface active agent into lipid.

CONSTITUTION: 1/40W40 times as much lipid [water-insoluble substance having action to delay elution of drug, having preferably (40W150°C) softening point or melting point: hardended oil, paraffin, etc.] as drug by weight is melted under heating at 40W150°C, blended with a drug and 0.01W2.0 times as much a surface active agent (e.g., sucrose fatty acid ester, Tween 80, sodium lauryl sulfate, etc.) as the drug by weight, and, if necessary, an excipien, and lubricant, and uniformly melted and/or dispersed, sprayed and cooled by spray cooling method into the desired particle size, to give a sustained release preparation. A slightly water soluble drug (e.g., FP, IP, etc.) as well as a water-soluble drug (e.g., befunolol hydrochloride, etc.) may be cited as the drug.

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